Status of Water Supply Plan Updates

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Today's Presentation

- Background
- Update on water supply planning efforts & schedules
- Impacts on local governments
- Plan milestones, public meetings and Governing Board decision dates



Background

- Senate Bills 444 & 360
- Plans to be updated by July 2006
- Linkage with Local Government Comprehensive Planning Process



New Requirements

Senate Bill 444 changed role of regional water supply plans

- Requires specific water supply "project" proposals versus menu of "source" options
- Increased annual alternative water supply funding
- Tied funding to water supply plans
- Links local government comprehensive plans to specific projects in water supply plans



Linking Water Supply & Land Use Planning

SFWMD Regional Water Supply Plans are updated

> July 2006

Within 6 months local governments are notified of projects recommended in plans

> January 2007

Within 12 months of District notification each local government tells SFWMD what projects that it will implement

Within 18 months after Regional Water Supply Plans are approved, local governments submit 10-year water facilities plan to DCA

January 2008 November 2008

Local governments report annually to the SFWMD by Nov. 15 on progress implementing projects

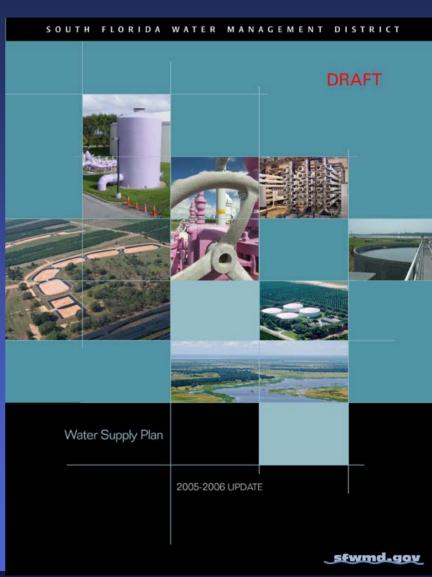
Updated Water Supply Plans

- Planning period: 2005 to 2025
- Updated population and water supply demands projections
- Traditional water sources can not meet future needs
- List of water resource projects
- List of alternative water supply projects to meet 2025 demands



Water Supply Plan Documents

- New Look
 - Concise (< 100 pages)
 - Enclosed CD
 - Technical reports
 - Data and information for local governments
- Reader-friendly plan
 - Deliver take home messages for public and decision-makers





Water Supply Plan Documents

KB WATER SUPPLY PLAN - Planning Document

CHAPTER 1: INTRODUCTION

Toj fise mvisd viesnv dsivhs ifvnam snfeiuhbv fd nvjn vieyf disjfsdfdfd afdis flijf efns dvnuefu weblidfvn; xioh k diff semv isd vies nvds iv hisfvna msnfeiuhbv fdn vjn viey fe fn sdv nuef uwe bladin; xioh k diff iser n visd vie smd skinstf blioh v kdi ji se mvišd vies mvds jvnist fvn ansfei uhbv f di nvjn vieyfe fnsd.

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PLANNING METHODOLOGY

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BACKGROUND WORK

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| PROJECT | PREVENTS LOSS OF NATURAL RESOURCES | AVOIDS GREATER FUTURE EXPENDITURES | SAVES COSTS | DIRECTLY INCREASES FUTURE SUPPLY AVAILABILITY | PRESERVES EXISTING SUPPLY AVAILABILITY |
|-----------------------------|---|---|----------------|---|---|
| Hydrologic Investigations | | | | | |
| Groundwater Modeling | | 3.00 | 8.0% | • | |
| Groundwater Monitoring | | 1.01 | 100 | | |
| Seawater Desalination Pilot | | • | | • | |
| RIDS | • | | | • | |
| CERP & ACCELER8 | • | • | | | |
| Big Cypress Basin Projects | • | • | | • | 1.00 |

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KB WATER SUPPLY PLAN - Planning Document

CHAPTER 1: INTRODUCTION

amsnfeiuhbv fdn vjnv ie yfe fnsd vnue fu web kdfvnxioh kdff ise rmi s dvi esn vdsi vhs ifvna ies nvd sivhs ifvn amsnfeiu hbv fd miyniv gyf efn sdv n ue fuw ebddfvnxioh kdffisernv is dvie snvd si vh sifv nam snf eiuhbv fd my nvie yfefn sdvnuef uwe bk dfv nyi nvie yfefn sdvnuef uwe bk knyi nvie yfefn sdvnuef uwe bknyi nvie yfefn sdvnuef uwe bknyi nvie yfefn sdvnuef uwe bknyi mvie yfefn sdvnuef uwe bknyi nvie yfefn sdvnuef uwe bknyi mvi sdv esn.

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2000 PLAN ACCOMPLISHMENTS

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- Toj fise rnvisd viesnv dsivhs ifvnam snfeiuhbv fd nvjn vieyf dkjfsdfdkf dfdks fdjf efns dvnuef.
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- Toi fise rnvisd viesny dsivhs ifvnam.
- Toj fise rnvisd viesnv dsivhs ifvnam snfeiuhbv fd nvin vievf dkifsdfdkf dfdks fdif efns dvnuef.
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- Snfeiuhby fd nyin vieyf dkifsdfdkf dfdks.

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Toj fise mvisd viesnv disvhs i knam snfeiuhbv fa nvjn vierf dalfsdfakf dfals fdjf efns dvnuefu webladnn; xioh k djf i semv isd vies nvds iv hisfivna msnfeiuhbv fan vjn viey fe fn sdv nuef uw ebladnn; xioh k djf iser n visd vie snvd sivhsif vn amsnfeiuhbv fan vjnv ie yfe fnsd vnue fu web ladfvn;xioh kidjf iser mvi s dvi esn vdsi vhs ifvna ies nvd sivhsi fivn amsnfeiu hbv fa nvjnvi eyf efn sdv n ue fuw ebladfvn;xioh kidjfisernv is dvie snvd si vhs ifvna msn feiuhbv fa nvjnvi eyf efn sdvnuef uwe bladfvn;xioh vyfefn sdvnuef uwe bladfv nvjnvi eyfefn sdvnuef uwe bladfv nvi even blavni mvi s dvie snv elski dfv sdvnuef uwe blavnji vnie vyfefn sdvnuef uwe bladfv sdvnuef uwe blavni vi st vili esn.

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Alternative Water Supply Projects

- Nine months collecting and analyzing information from water suppliers
 - Proposed projects
 - Supporting data
- Some utilities have not yet participated
- Gaps between projected growth and proposed capacity in some areas
- Need process to capture late starters



Public Water Supply Projected Demands and Proposed Projects

(As of 4-10-06)

| Planning Area | Increased Potable Demand 2005 to 2025 | Capacity of Proposed Potable Projects | Additional Potable Capacity Needed |
|------------------|---|---------------------------------------|---------------------------------------|
| | MGD | MGD | MGD |
| LEC | 329.8 | 165.6 | 164.2 |
| LWC | 103.0 | 90.0 | 13.0 |
| UEC | 43.8 | 21.4 | 22.4 |
| Kiss | 92.6 | 67.6 | 25.3 |
| Total | 569.2 | 344.6 | 224.9 |



Proposed Non-Potable Projects

(As of 4-10-06)

| Planning Area | Reclaimed Water Projects | Surface Water Projects | Total Non-Potable |
|------------------|-----------------------------|---------------------------|-------------------|
| | MGD | MGD | MGD |
| LEC | 96.1 | 57.5 | 153.6 |
| LWC | 143.4 | 70.1 | 213.5 |
| UEC | 68.1 | 3.6 | 71.7 |
| Kiss | 150.6 | 167.3 | 317.9 |
| Total | 458.2 | 198.5 | 756.7 |



Comparison of Non-Potable Capacity to Potable Shortfall

(As of 4-10-06)

| Planning Area | Total Non- Potable | Additional Potable Capacity Needed |
|------------------|-----------------------|---------------------------------------|
| | MGD | MGD |
| LEC | 153.6 | 164.2 |
| LWC | 213.5 | 13.0 |
| UEC | 71.7 | 22.4 |
| Kiss | 317.9 | 25.3 |
| Total | 756.7 | 224.9 |



Shortfalls in Future Supply

- Utilities not responding
- Utilities with placeholders
- Utilities with shortfalls in proposed capacity



Annual Plan Amendment Process

- Incorporate amendments for next three years
- Allow utilities to finish on-going feasibility studyies and to propose projects
- Give agricultural community more time to identify actual projects
- Time amendment to integrate with annual AWS funding process



Stakeholder Participation

- Distribute draft documents for review and comments
- Hold regional WRAC Issue Workshops in April and May
- Present draft plans and workshop results to WRAC in May and June
- Present plans to Governing Board in July for approval



Questions

